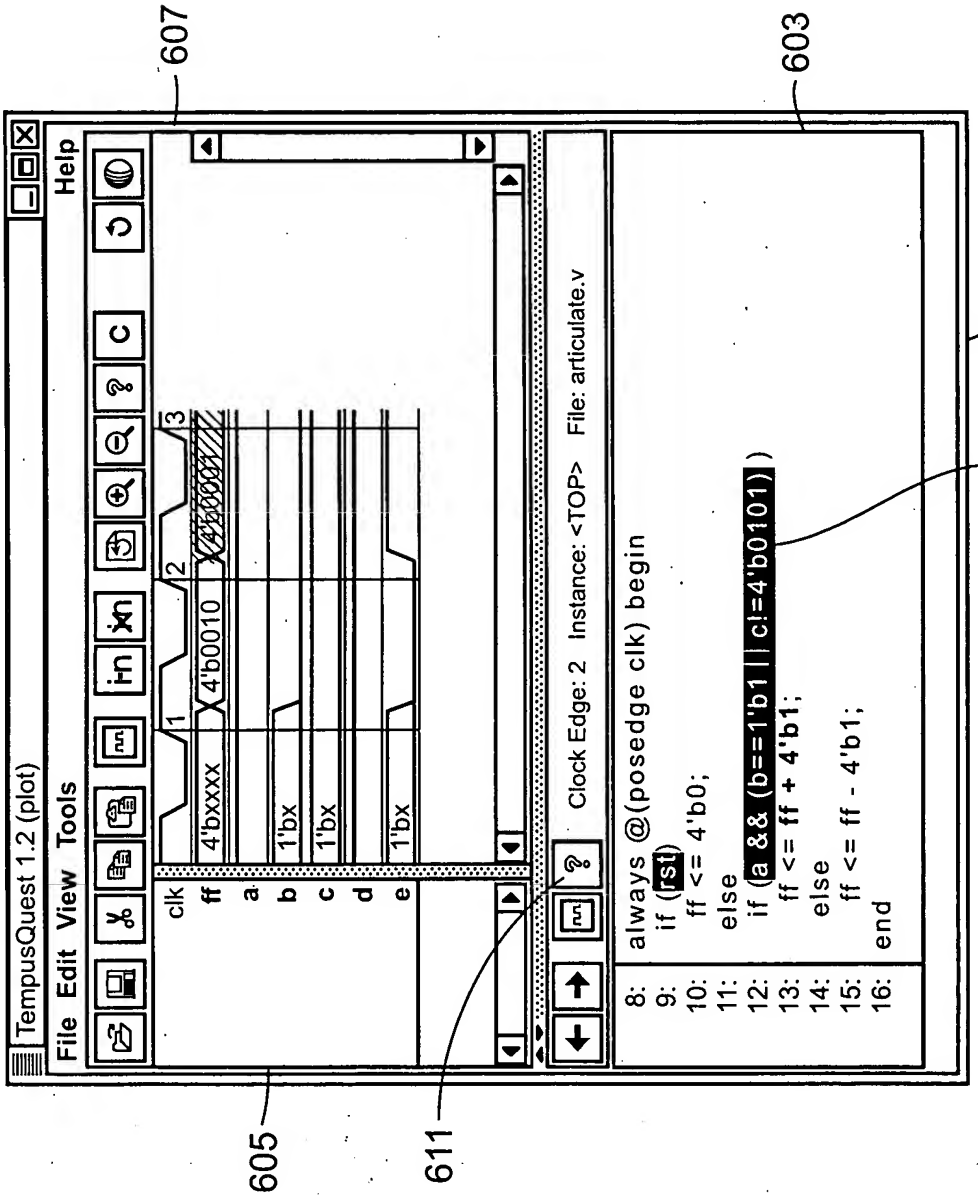

FIG. 6

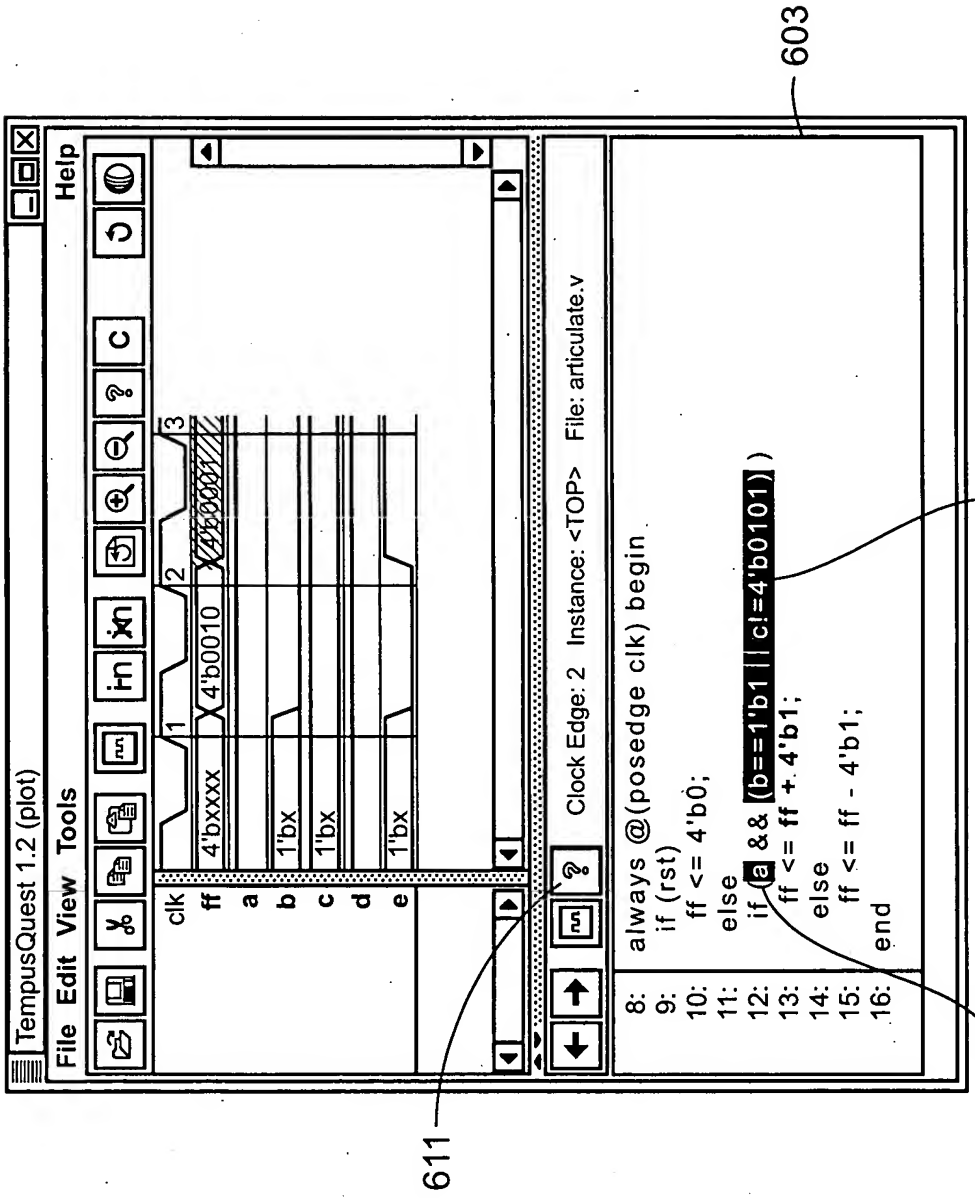
603
701
703
611
TempusQuest 1.2 (plot)
File Edit View Tools Help
clk
ff
a
b
c
d
e
4'bxxxx
4'b0010
1'bx
Clock Edge: 2 Instance: <TOP> File: articulate.v
8: always @(posedge clk) begin
9: if (rst)
10: ff <= 4'b0;
11: else
12: if (a && (b==1'b1 || c!=4'b0101))
13: ff <= ff + 4'b1;
14: else
15: ff <= ff - 4'b1;
16: end

FIG. 7

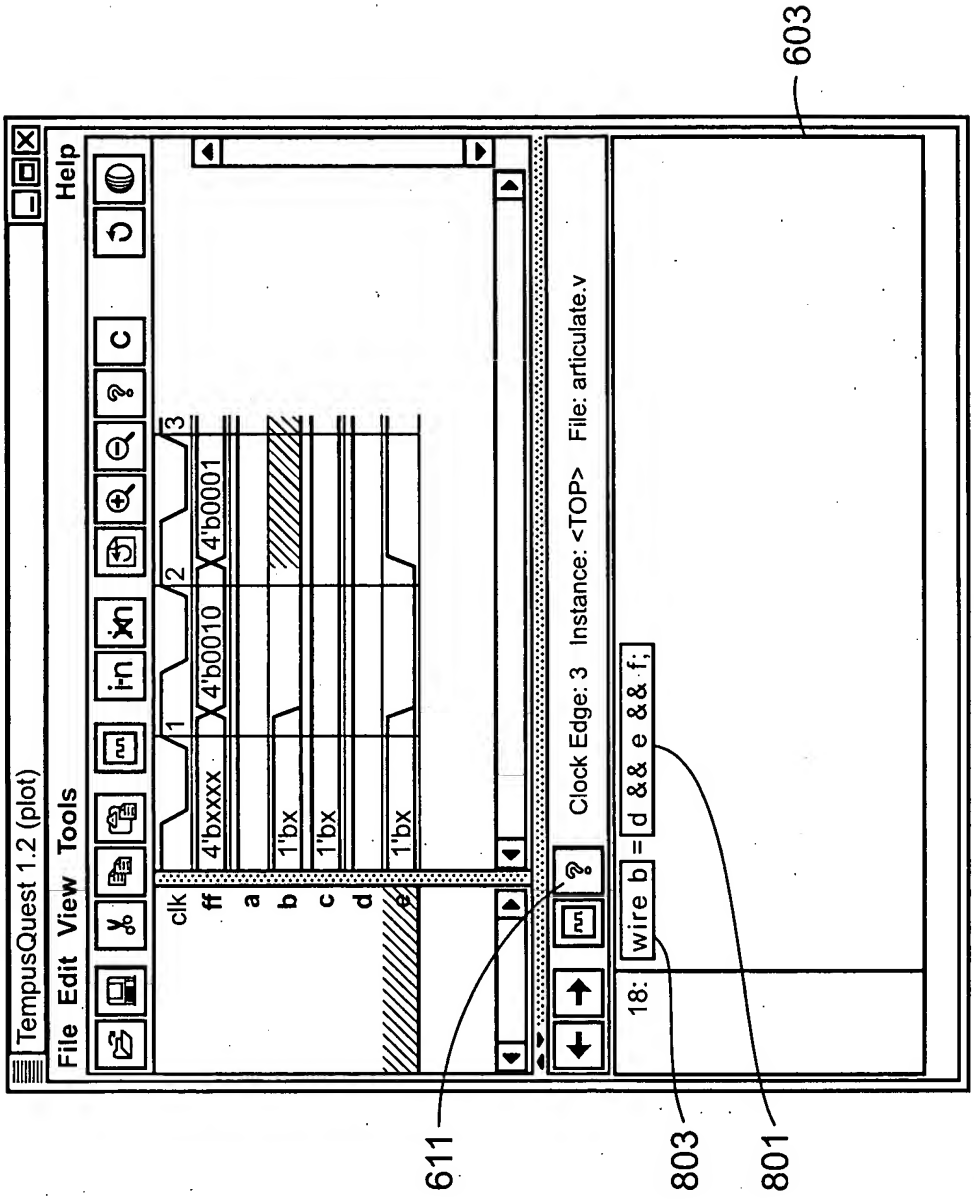
603
TempusQuest 1.2 (plot)
File Edit View Tools Help
clk
ff
a
b
c
d
e
4'bxxxx
4'b0010
4'b0001
1'bx
Clock Edge: 3 Instance: <TOP> File: articulate.v
18: wire b = d && e && f;
611
803
801

FIG. 8

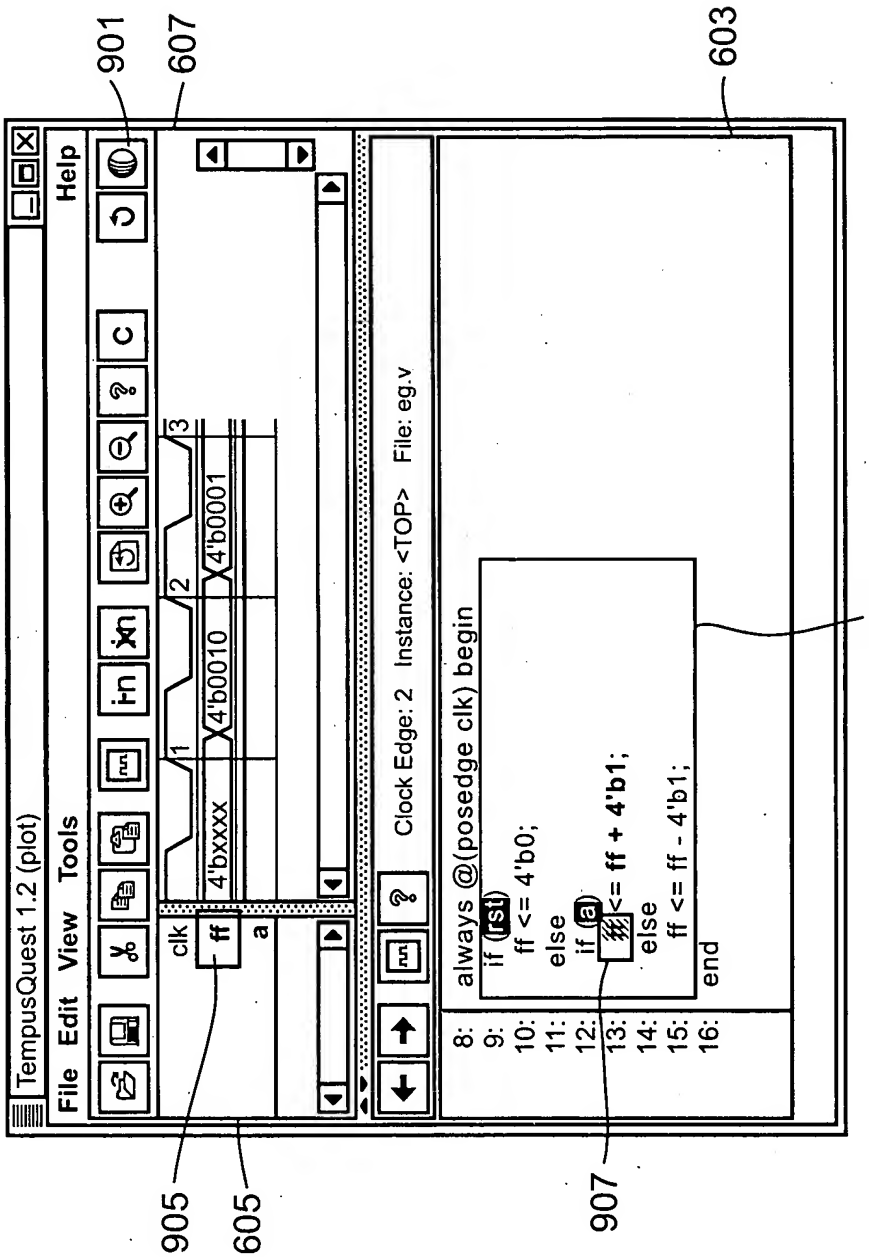
901
607
603
903
905
605
907
TempusQuest 1.2 (plot)
File Edit View Tools Help
clk
ff
a
4'bxxxx
4'b0010
4'b0001
Clock Edge: 2 Instance: <TOP> File: eg.v
always @(posedge clk) begin
if (rst)
ff <= 4'b0;
else
if (a)
ff <= ff + 4'b1;
else
ff <= ff - 4'b1;
end

FIG. 9

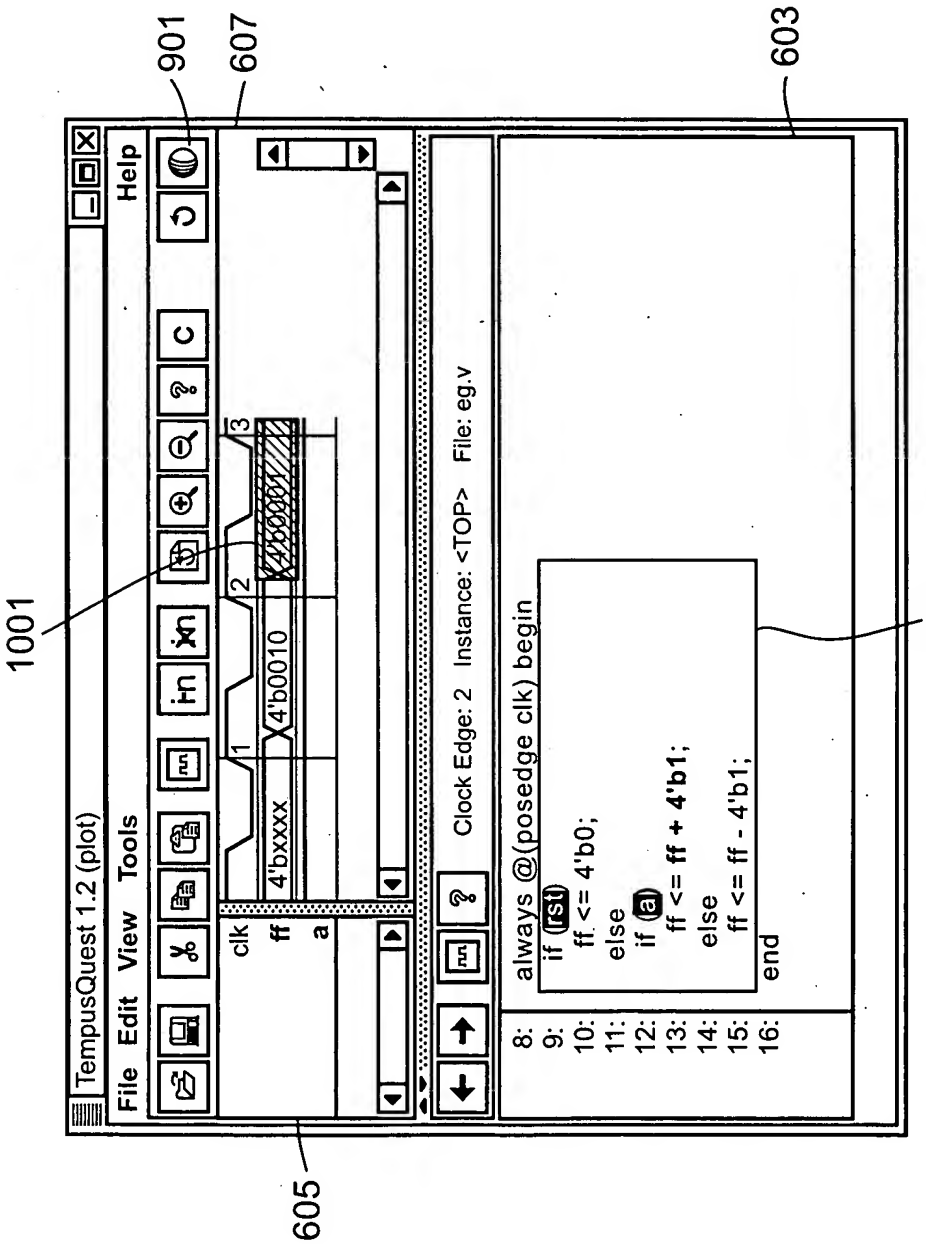
901
607
603
1001
1003
605
TempusQuest 1.2 (plot)
File Edit View Tools Help
clk
ff
a
4'bxxxx
4'b0010
Clock Edge: 2 Instance: <TOP> File: eg.v
always @(posedge clk) begin
if (rst)
ff <= 4'b0;
else
if (a)
ff <= ff + 4'b1;
else
ff <= ff - 4'b1;
end

FIG. 10

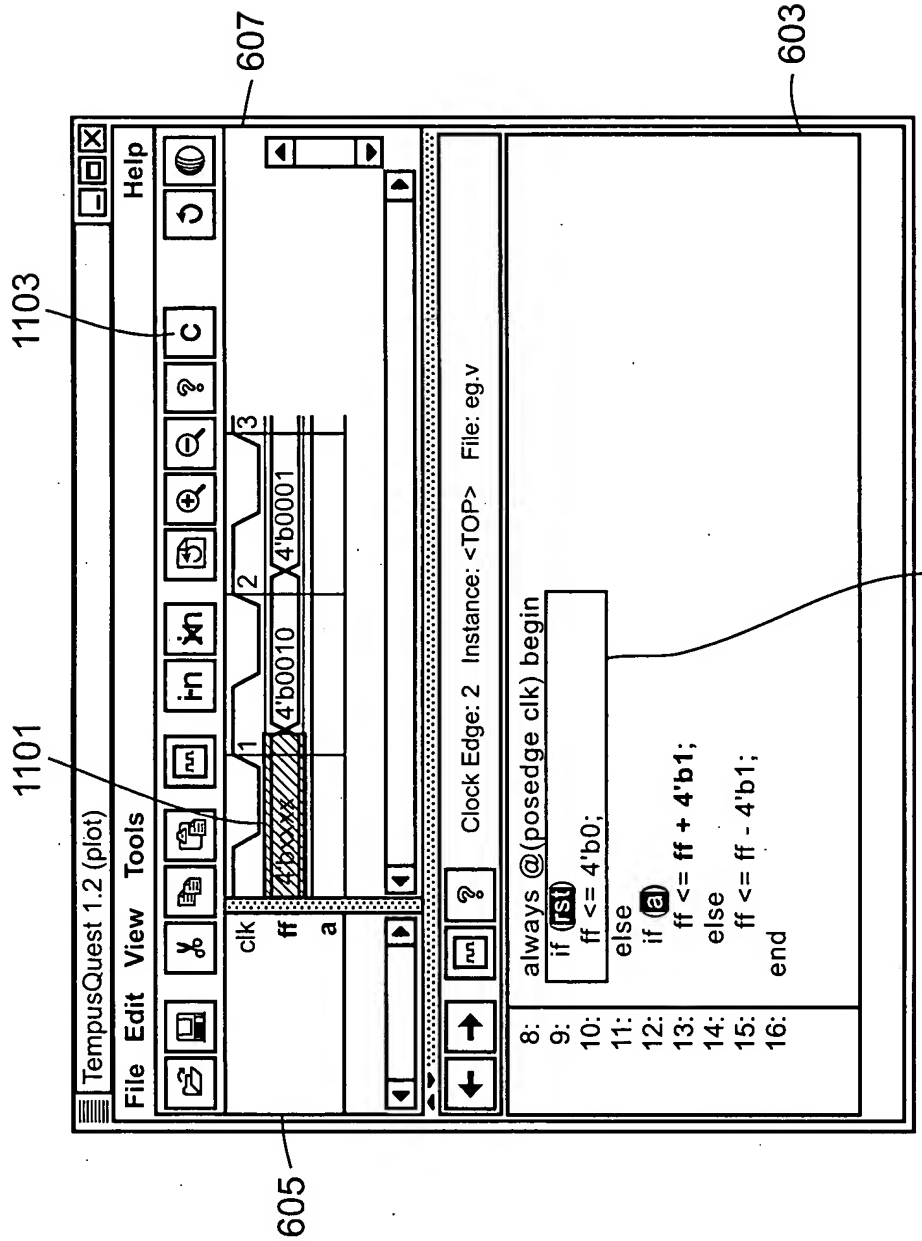
607
603
1103
1101
1105
605
TempusQuest 1.2 (plot)
File Edit View Tools Help
clk
ff
a
4'b0010
4'b0001
Clock Edge: 2 Instance: <TOP> File: eg.v
always @(posedge clk) begin
if (rst)
ff <= 4'b0;
else
if (a)
ff <= ff + 4'b1;
else
ff <= ff - 4'b1;
end

FIG. 11

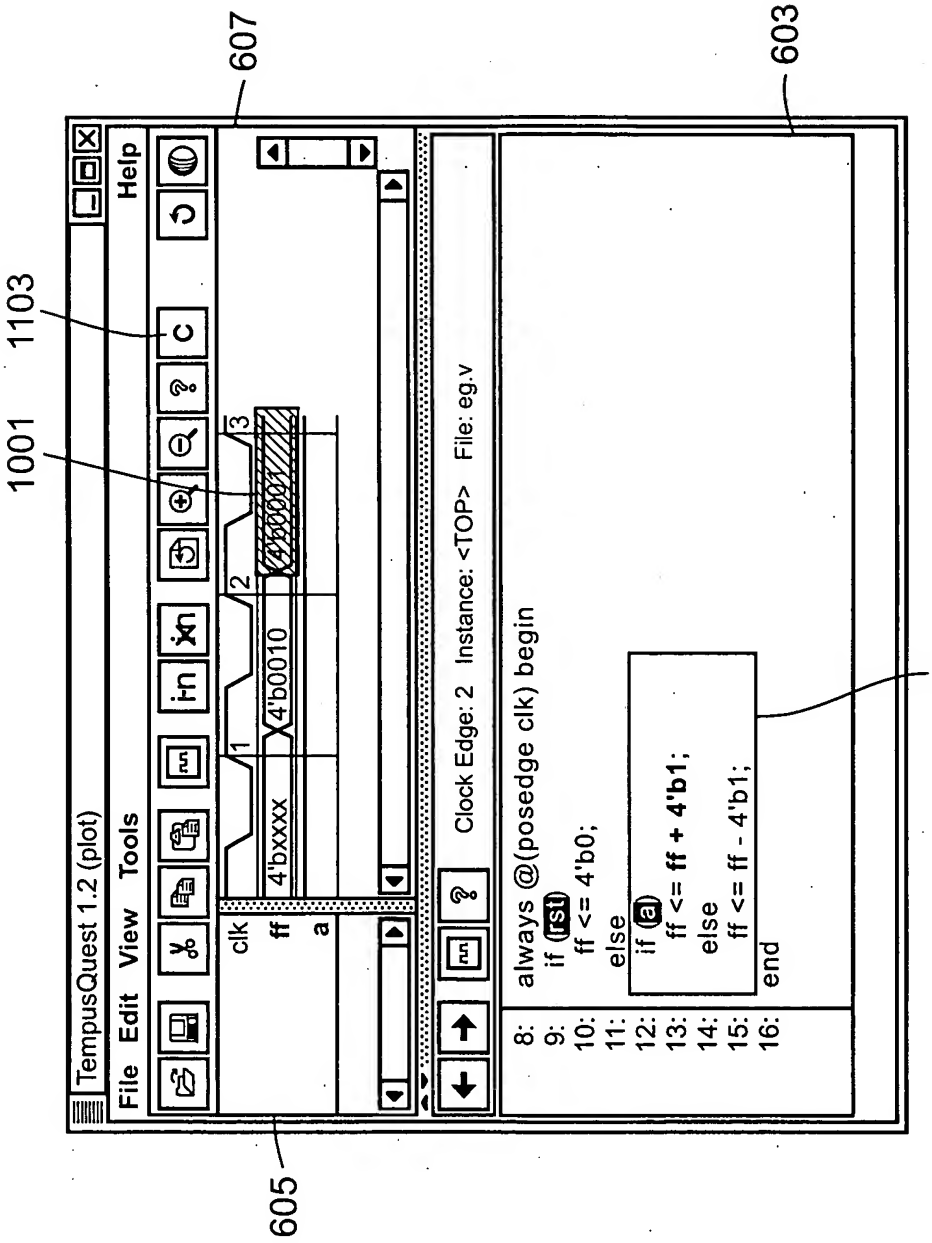
607
603
1103
1001
1203
605
TempusQuest 1.2 (plot)
File Edit View Tools Help
clk
ff
a
4'bxxxx
4'b0010
Clock Edge: 2 Instance: <TOP> File: eg.v
8: always @(posedge clk) begin
9: if (rst)
10: ff <= 4'b0;
11: else
12: if (a)
13: ff <= ff + 4'b1;
14: else
15: ff <= ff - 4'b1;
16: end

FIG. 12

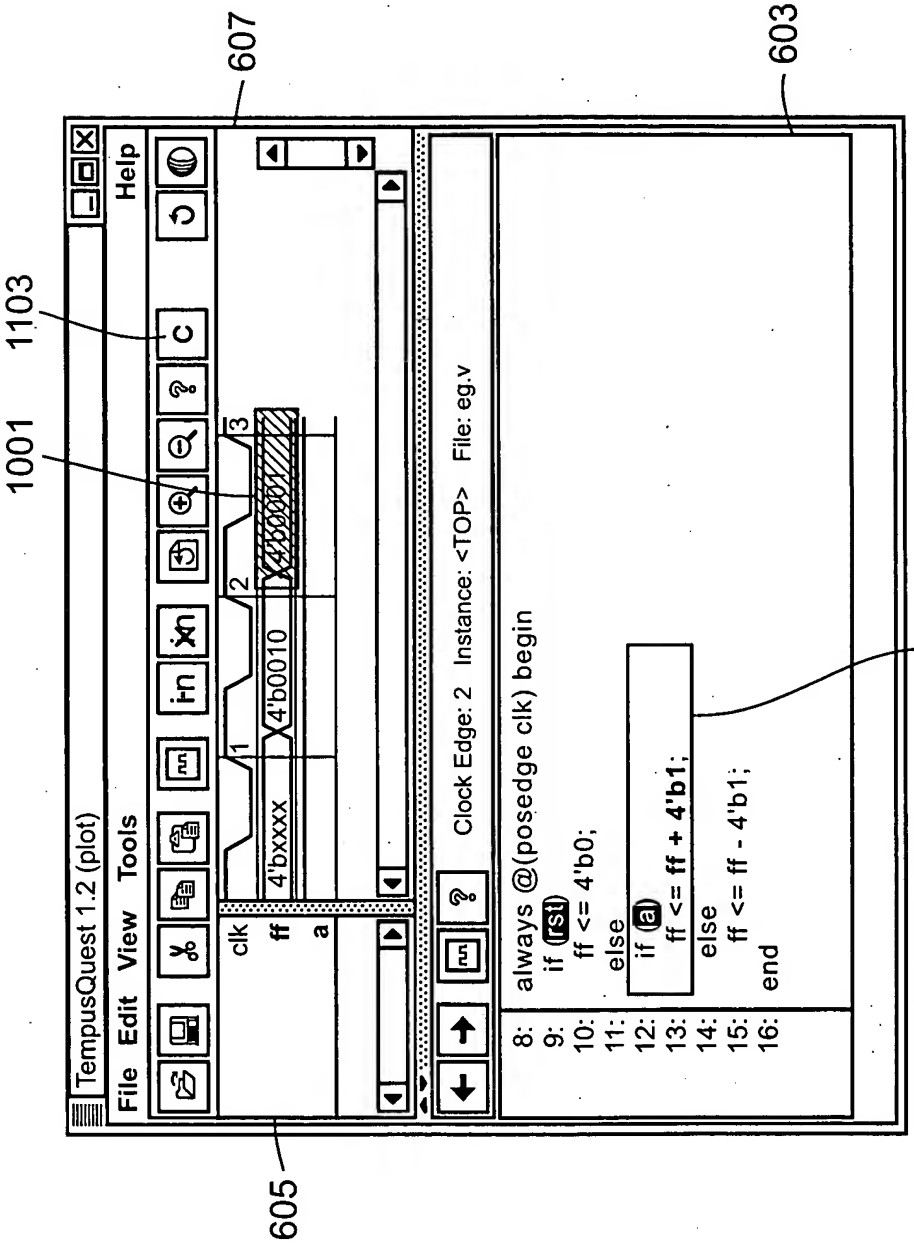
607
603
1103
1001
1003
605
TempusQuest 1.2 (plot)
File Edit View Tools Help
clk
ff
a
4'bxxxx
4'b0010
Clock Edge: 2 Instance: <TOP> File: eg.v
8: always @(posedge clk) begin
9: if (rst)
10: ff <= 4'b0;
11: else
12: if (a)
13: ff <= ff + 4'b1;
14: else
15: ff <= ff - 4'b1;
16: end

FIG. 13

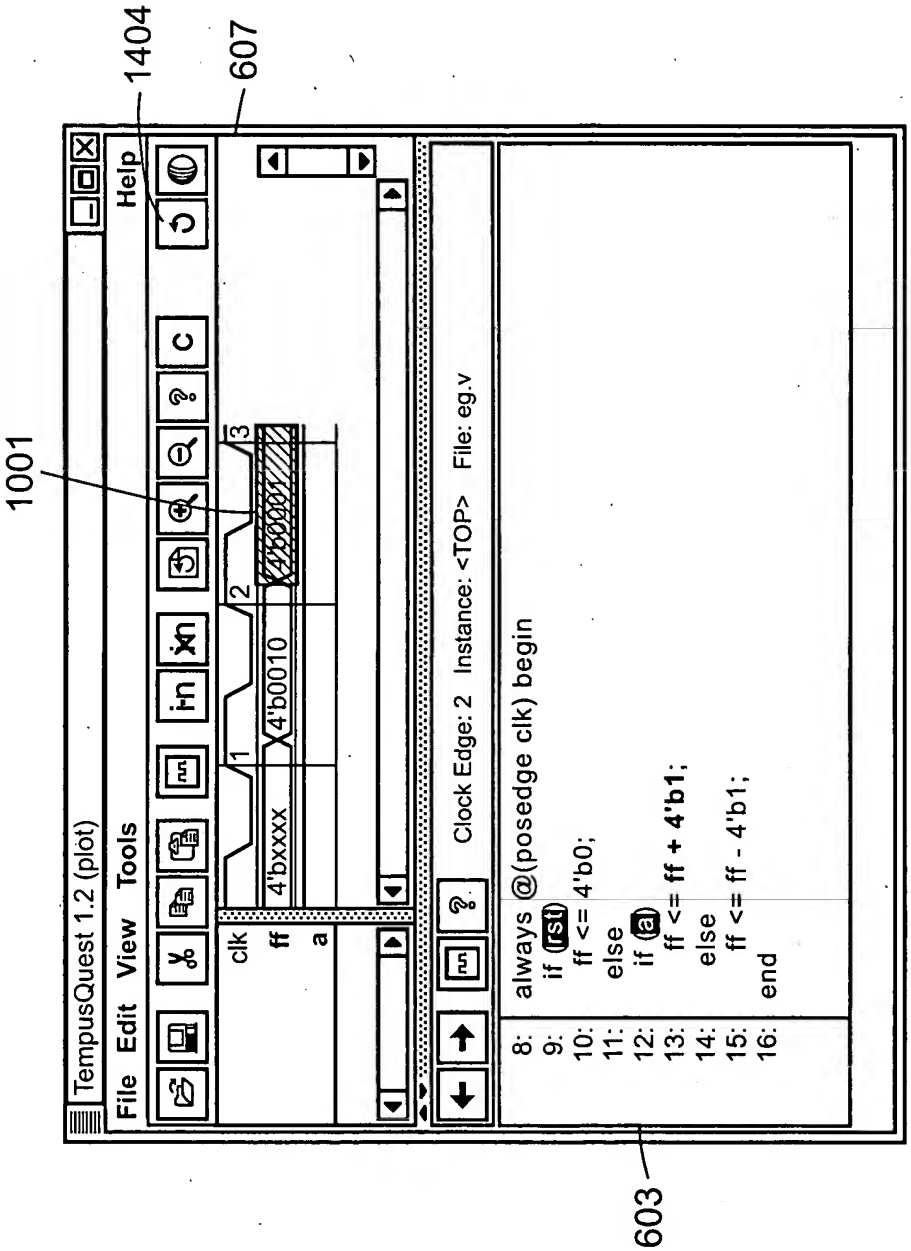
1001
1404
607
603
TempusQuest 1.2 (plot)
File Edit View Tools Help
clk
ff
a
4'bxxxx
4'b0010
Clock Edge: 2 Instance: <TOP> File: eg.v
8: always @(posedge clk) begin
9: if (rst)
10: ff <= 4'b0;
11: else
12: if (a)
13: ff <= ff + 4'b1;
14: else
15: ff <= ff - 4'b1;
16: end

FIG. 14

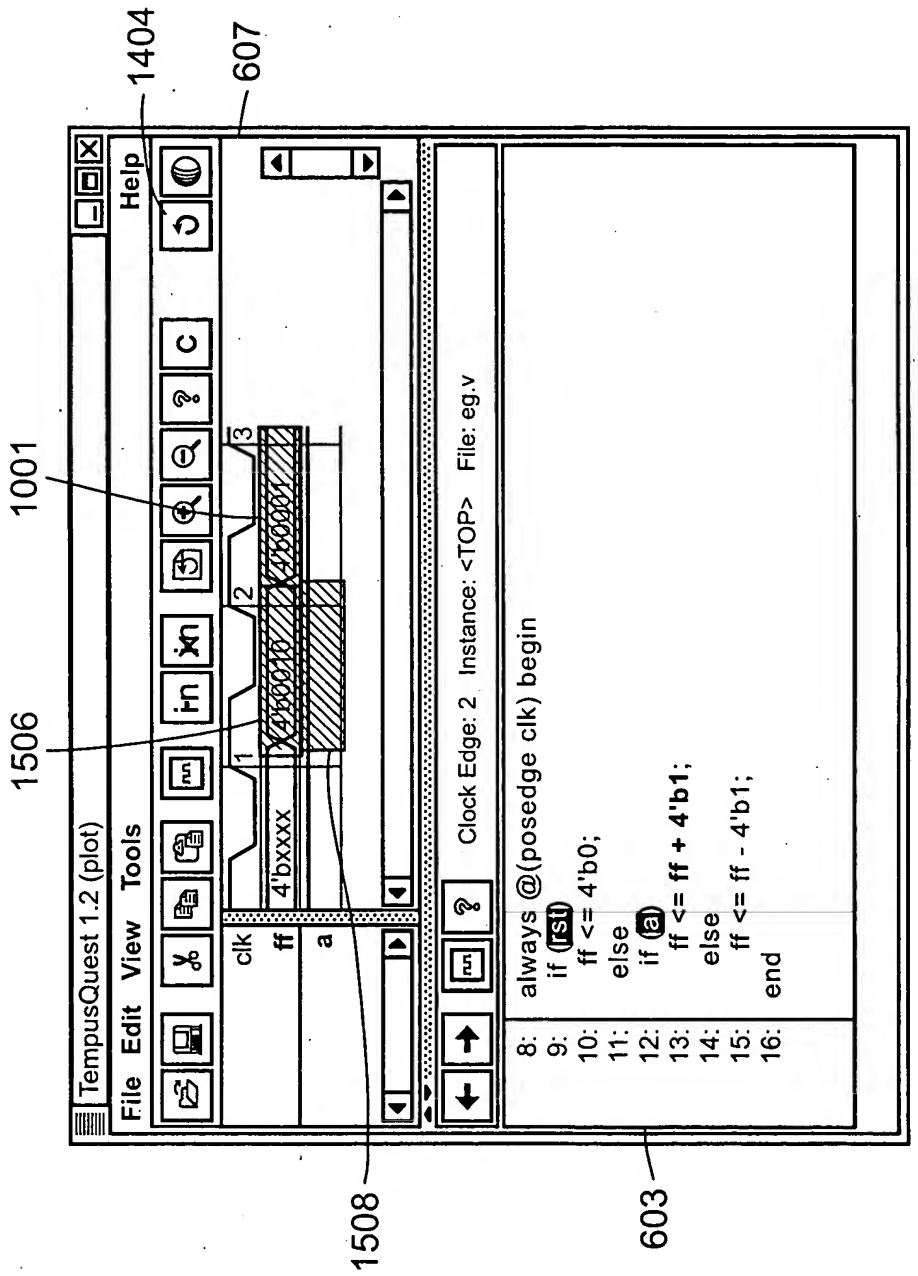
1404
607
1001
1506
1508
603
TempusQuest 1.2 (plot)
File Edit View Tools Help
clk
ff
a
4'bxxxx
Clock Edge: 2 Instance: <TOP> File: eg.v
8: always @(posedge clk) begin
9: if (rst)
10: ff <= 4'b0;
11: else
12: if (a)
13: ff <= ff + 4'b1;
14: else
15: ff <= ff - 4'b1;
16: end

FIG. 15

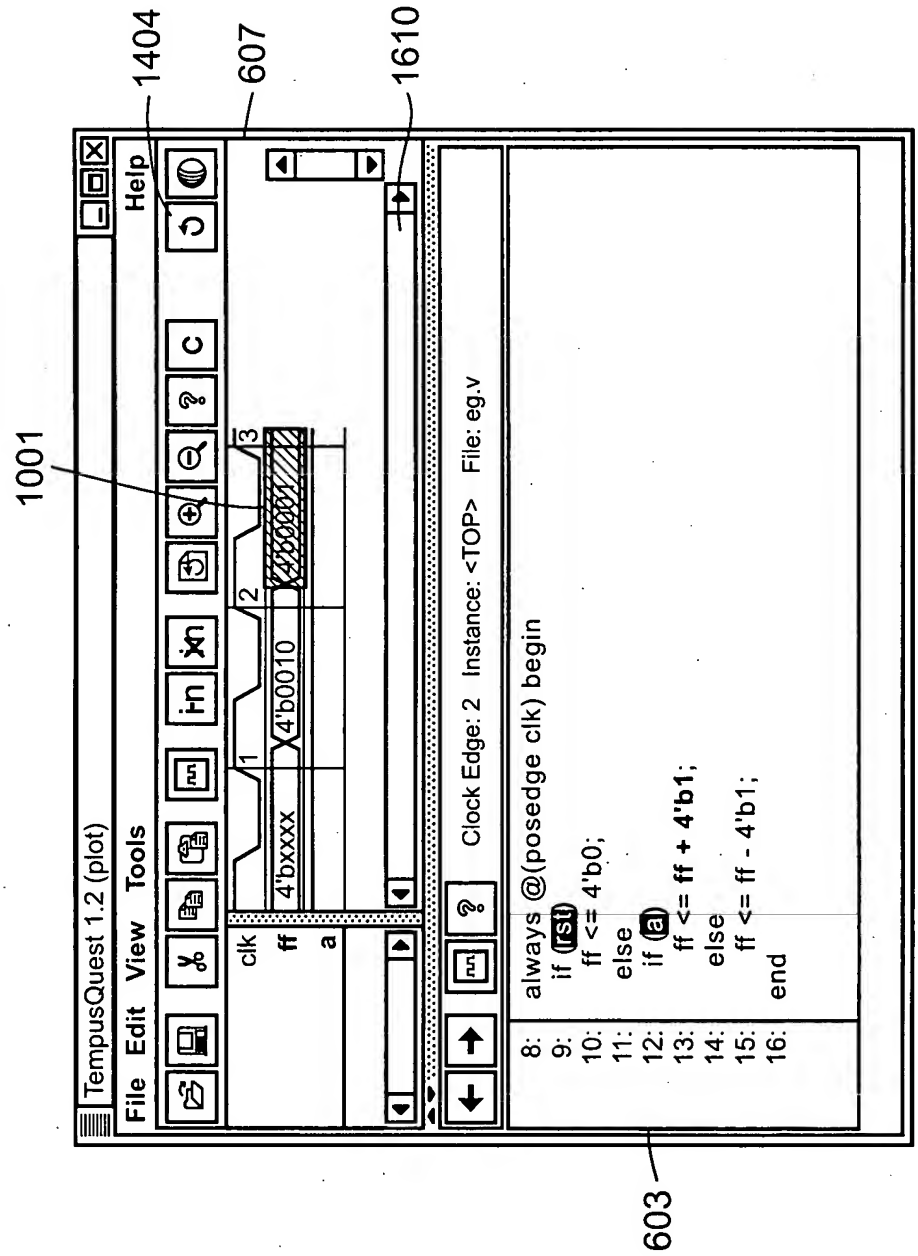
1001
1404
607
1610
603
TempusQuest 1.2 (plot)
File Edit View Tools Help
clk
ff
a
4'bxxxx
4'b0010
Clock Edge: 2 Instance: <TOP> File: eg.v
8: always @(posedge clk) begin
9: if (rst)
10: ff <= 4'b0;
11: else
12: if (a)
13: ff <= ff + 4'b1;
14: else
15: ff <= ff - 4'b1;
16: end

FIG. 16